

WHAT IS CLAIMED:

1. A receiver cordless input devices, providing signal reception for wireless transmission for at least two input devices, the receiver comprising at least one primary receiving module and one second receiving module, wherein  
5 the primary receiving module is operative to receive a wireless signal transmitted from one of the input devices, and the secondary receiving module is operative to receive a wireless signal transmitted from the other input device, and the primary and secondary receiving modules use a transmission interface to connect each other in a plug-and-play and hot plugging manner.
- 10 2. The receiver according to Claim 1, wherein the primary receiving module further comprises a transmission plug.
3. The receiver according to Claim 2, wherein the transmission plug is connected to the primary receiving module by a transmission line.
4. The receiver according to Claim 1, wherein the primary receiving  
15 module further comprises a transmission slot.
5. The receiver according to Claim 1, wherein the transmission interface comprises a slot and a plug matching the slot.
6. The receiver according to Claim 1, wherein the transmission interface includes a universal serial bus.
- 20 7. A receiver for cordless input devices, comprising:  
a primary receiving module, operative to receive a wireless signal transmitted from a keyboard; and  
a secondary receiving module, operative to receive a wireless signal transmitted from a controller;  
25 wherein the primary and secondary receiving modules are electrically connected to each other by a plug-in transmission interface.

8. The receiver according to Claim 7, wherein the primary receiving module further comprises a receiver integrated therein for receiving a wireless signal transmitted from a mouse.
9. The receiver according to Claim 7, wherein the primary receiving  
5 module further comprises a transmission plug.
10. The receiver according to Claim 9, wherein the transmission plug is connected to the primary receiving module by a transmission line.
11. The receiver according to Claim 7, wherein the primary receiving module use infrared energy as a medium for signal transmission.
- 10 12. The receiver according to Claim 7, wherein the secondary receiving module further comprises a receiver integrated therein for receiving a wireless signal transmitted from a mouse.
13. The receiver according to Claim 12, wherein the primary receiving module further comprises a transmission slot.
- 15 14. The receiver according to Claim 7, wherein the primary receiving module further comprises a transmission slot.
15. The receiver according to Claim 7, wherein secondary receiving module use radio frequency as a medium for signal transmission.
16. The receiver according to Claim 7, wherein transmission  
20 interface includes a slot and a plug matching the slot.
17. The receiver according to Claim 7, wherein the transmission interface includes a universal serial bus.
18. A receiver for cordless input devices, including a primary receiving module operative to receive infrared signal and a secondary  
25 receiving module operative receive radio frequency signal, wherein the primary and secondary receiving modules are electrically connected to each other via a transmission interface.

19. The receiver according to Claim 18, wherein the transmission interface comprises a slot and a plug matching the slot.

20. The receiver according to Claim 18, wherein the transmission interface includes a universal serial bus.